

Anti-GABRD antibody [N151/3] ab93619

★★★★☆ [2 Abreviews](#) [1 References](#) [画像数 2](#)

製品の概要

製品名	Anti-GABRD antibody [N151/3]
製品の詳細	Mouse monoclonal [N151/3] to GABRD
由来種	Mouse
アプリケーション	適用あり: WB, ICC/IF
種交差性	交差種: Rat, Human 交差が予測される動物種: Cow 
免疫原	Synthetic peptide corresponding to Rat GABRD aa 15-34. Sequence: CTQPHHGARAMNDIGDYVGSN <div>  Run BLAST with  Run BLAST with </div>
ポジティブ・コントロール	Rat brain lysate
特記事項	<p>The clone number has been updated from S151-3 to N151/3, both clone numbers name the same antibody clone.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C.
バッファー	Preservative: 0.09% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	N151/3

アプリケーション

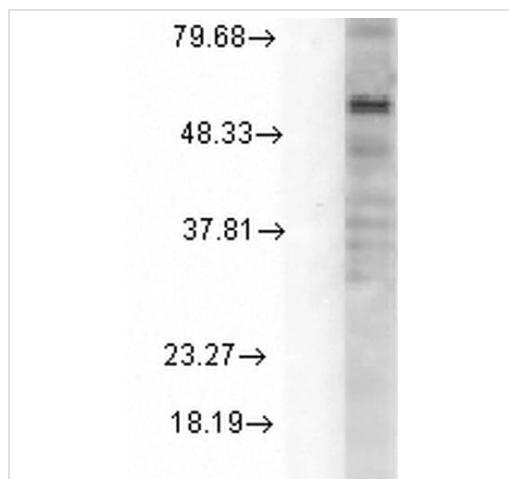
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab93619の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/1000. Predicted molecular weight: 51 kDa.
ICC/IF		1/10.

ターゲット情報

機能	GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.
関連疾患	<p>Defects in GABRD are the cause of susceptibility to generalized epilepsy with febrile seizures plus type 5 (GEFS+5) [MIM:604233]. Generalized epilepsy with febrile seizures-plus refers to a rare familial condition with incomplete penetrance and large intrafamilial variability. Patients display febrile seizures persisting sometimes beyond the age of 6 years and/or a variety of afebrile seizure types. GEFS+ is a disease combining febrile seizures, generalized seizures often precipitated by fever at age 6 years or more, and partial seizures, with a variable degree of severity.</p> <p>Defects in GABRD are the cause of susceptibility to idiopathic generalized epilepsy type 10 (IGE10) [MIM:613060]. A disorder characterized by recurring generalized seizures in the absence of detectable brain lesions and/or metabolic abnormalities. Generalized seizures arise diffusely and simultaneously from both hemispheres of the brain.</p> <p>Defects in GABRD are the cause of susceptibility to juvenile myoclonic epilepsy type 7 (EJM7) [MIM:613060]. A subtype of idiopathic generalized epilepsy. Patients have afebrile seizures only, with onset in adolescence (rather than in childhood) and myoclonic jerks which usually occur after awakening and are triggered by sleep deprivation and fatigue.</p>
配列類似性	Belongs to the ligand-gated ion channel (TC 1.A.9) family. Gamma-aminobutyric acid receptor (TC 1.A.9.5) subfamily. GABRD sub-subfamily.
細胞内局在	Cell junction > synapse > postsynaptic cell membrane. Cell membrane.

画像



Western blot - Anti-GABRD antibody [N151/3] (ab93619)

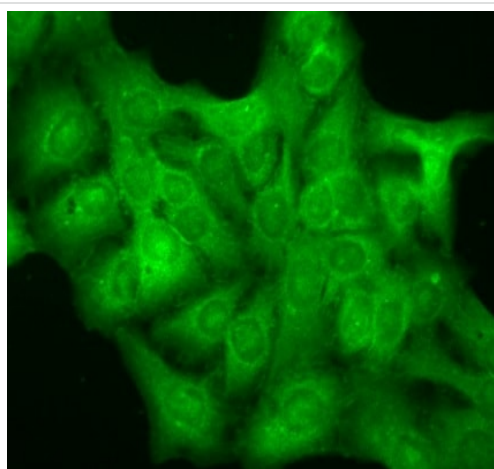
Anti-GABRD antibody [N151/3] (ab93619) at 1/1000 dilution + Rat cell line lysates at 15 µg

Secondary

Sheep Anti-Mouse IgG HRP

Predicted band size: 51 kDa

Block: 15% BSA for 30 minutes at RT



Immunocytochemistry/ Immunofluorescence - Anti-GABRD antibody [N151/3] (ab93619)

Cold 100% methanol for 10 minutes at -20°C fixed human HaCaT cells labeling GABRD (green) using ab93619 at 1/10 dilution in ICC/IF.

FITC Goat Anti-Mouse was used as the secondary antibody at 1/50 dilution for 1 hour at room temperature. Staining in the diffuse cytoplasm and dull nuclei is observed.

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